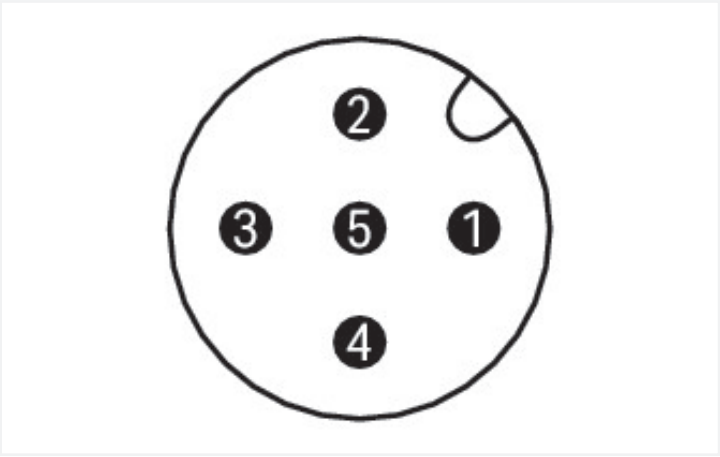
Data Sheet | Item Number: 756-5312/050-050

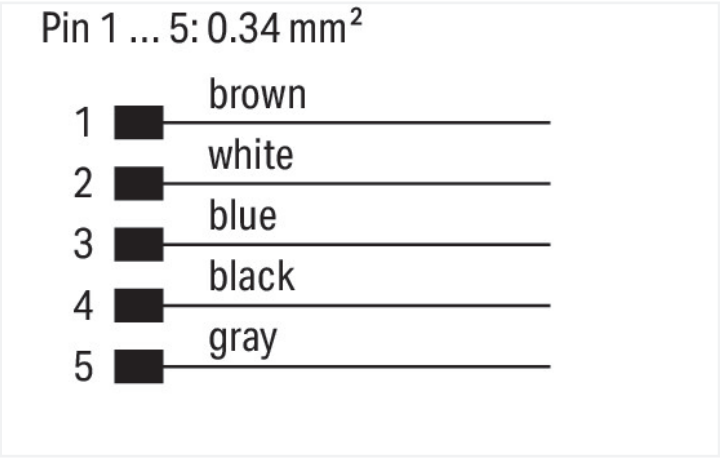
Sensor/Actuator cable; M12A plug; angled; 5-pole; Length: 5 m

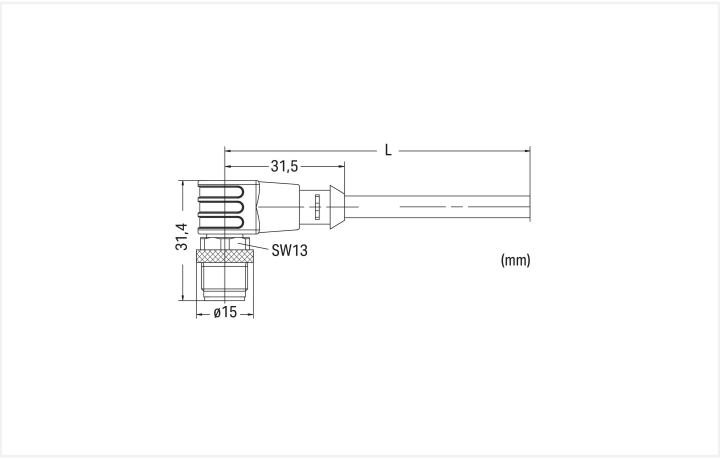
https://www.wago.com/756-5312/050-050





Similar to illustration





Dimensions in mm

Short description:

- PUR, halogen-free
- Suitable for drag chains
- High resistance to microbes, hydrolysis, oil, chemicals and UV radiation
- High chemical resistance
- Cable used: UL listed

Technical data

General information

Operating voltage	250 VAC/DC
Operating current	4 A
Rated impulse withstand voltage	1.5 kV
Insulation resistance	>10^9 Ω
Contact resistance	10 mΩ
Conductor resistance	≤ 60 Ω/km
Pollution degree	3 per VDE 0110
Protection type	IP67
Ambient (operating) temperature (static)	-50 … +90 °C

General information

Ambient (operating) temperature (dynamic)	-25 … +90 °C

Drag chain compatible

Bending radius	10 x cable diameter (min.)
Bending cycles	2 million
Acceleration (min.)	5 m/s²
Travel speed (max.)	3.33 m/s
Travel path (horizontal) max.	5 m
Travel path (vertical) max.	2 m
Torsional capacity	180 °/m

Cable

Cable length	5 m
Type code	LiF9YH-11YH or LiF9YC11YFHF
Conductor configuration	Bare copper wire, fine-stranded (42 x 0.1 mm)
Conductor insulation	PP9Y (halogen-free)
Sheath material	Polyurethane (PUR), halogen-free per DIN VDE 0472 Part 815, flame resistant per IEC 332-2, self-extinguishing
Sheathed cable color	black

Connector

Connection type	M12 plug - free end
Pole number	5
Cable connection direction to mating direction	90 °
Connector interface coding (cable/adapter) 1 1	A-coded
Housing material	Polyurethane (PUR)
Contact material	CuSn
Tightening torque	1 Nm

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	HU
GTIN	4045454942342
Customs tariff number	85444290900

Product Classification

UNSPSC	26121609
eCl@ss 10.0	27-06-03-11
eCl@ss 9.0	27-06-03-11
ETIM 9.0	EC001855
ETIM 10.0	EC001855
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	85493e23-605e-4e63-945d-eab5ec2cfa87
SCIP notification number (Belgium)	1208a4af-3e81-44e8-b9b1-216d45672ecf
SCIP notification number (Bulgaria)	302b9c6a-3797-47b8-8316-7183feacbaf1
SCIP notification number (Czech Republic)	4eab60ee-847a-4a72-ad41-060fdf2aa66d
SCIP notification number (Denmark)	3cedf192-fb4c-4fec-8c7a-e47a84b33e17
SCIP notification number (Finland)	5a50bb8d-15a1-4427-97c0-6ad31ddd87fc
SCIP notification number (France)	1a5099b9-a5f4-4c8a-8031-6482b9951a18
SCIP notification number (Germany)	51d68deb-0798-4581-ae23-5f4dd3368519
SCIP notification number (Hungary)	1f2621b8-0bd1-444a-8ed7-8eeb08fafaff
SCIP notification number (Italy)	c0095e30-ffb2-464a-bf6c-a901fcb8783a
SCIP notification number (Netherlands)	fcc7f4ad-89c1-4a51-aedf-6bf62da0e711
SCIP notification number (Poland)	6b1e6703-12e8-4d86-8864-dfa4ceb9b617
SCIP notification number (Romania)	c74305b6-16f3-4102-9647-e714a88a0530
SCIP notification number (Sweden)	5a1b56c4-2858-4002-a838-d776cec900df

Continued on next page

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
UL Underwriters Laboratories Inc.	UL 2238	E519602

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
756-5312/050-050

Documentation

System Description

IP67 Cables and Plug-gable Connectors	pdf 157.80 KB	

Bid Text

756-5312/050-050	19.02.2019	xml 3.27 KB
756-5312/050-050	20.09.2017	doc 26.50 KB

CAD/CAE-Data

CAE data

WSCAD Universe
756-5312/050-050